

## EAST Search History

L25	2	23 and ("SiH.sub.4") same ("BTBAS") and ("PECVD" or "RTCVD")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 14:34
L26	0	24 and ("SiH.sub.4") same ("BTBAS") and ("PECVD" or "RTCVD")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 14:34
L27	2	"20050110063"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 14:50
L28	0	("2005/0110063").URPN.	USPAT	OR	OFF	2006/05/29 14:49
L29	80	gate same capacitor same spacer same distance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 15:03
L30	80	gate same capacitor same spacer same distance and ("As" or arsenic and Phosphor\$2 or "P")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 15:04
L31	54	gate same capacitor same spacer same distance and (("As" or arsenic) and (phosphor\$2 or "P"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 15:05
L32	54	gate same capacitor same spacer same distance and (("As" or arsenic) and (phosphor\$2 or "P"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 15:07
L33	29730	gate same capacitor same spacer same distance and "LDD" or lightly adj doped	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 15:07

## EAST Search History

L34	26	gate same capacitor same spacer same distance and ("LDD" or lightly adj doped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:33
L35	9738	data adj path with ("As")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 15:19
L36	0	data adj path with (arsenic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 15:19
L37	2937	data adj path and gate and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 15:20
L38	22704	bit adj line and gate and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 15:20
L39	141	bit adj line and (high adj concentration with arsenic) and gate and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 15:21
L40	3	bit adj line and (high adj concentration with arsenic) same phosphor and gate and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 15:30
L41	1	("5439831" "5897363" "6537888").PN. and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 15:25

## EAST Search History

L42	2338	gate and capacitor and (spacer or sidewall) same distance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 15:30
L43	1	42 and (arsenic with high adj concentration) with bit adj line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:04
L44	1	(arsenic with high adj concentration) with bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:34
L45	0	(arsenic with high adj concentration) with bit adj line same phosphorus	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:04
L46	1531	438/197.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:25
L47	1357	438/301.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:25
L48	2263	438/305.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:27
L49	451	438/250.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:30

## EAST Search History

L50	1349	438/592.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:30
L51	610	438/300.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:30
L52	828	438/296.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:30
L53	26	gate same capacitor same spacer same distance and ("LDD" or lightly adj doped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:33
L54	2	53 and phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:34
L55	0	46 and (arsenic with high adj concentration) with bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:35
L56	0	47 and (arsenic with high adj concentration) with bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:35
L57	0	48 and (arsenic with high adj concentration) with bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:35

## EAST Search History

L58	0	49 and (arsenic with high adj concentration) with bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:35
L59	0	50 and (arsenic with high adj concentration) with bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:35
L60	0	51 and (arsenic with high adj concentration) with bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:35
L61	0	52 and (arsenic with high adj concentration) with bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:35
L62	0	52 and (arsenic ) with bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:35
L63	0	48 and (arsenic ) with bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:36
L64	0	49 and (arsenic ) with bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:36
L65	0	50 and (arsenic ) with bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:36

## EAST Search History

L66	0	51 and (arsenic ) with bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:36
L67	0	52 and (arsenic ) with bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:37
L68	0	52 and arsenic same bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:37
L69	0	46 and arsenic same bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:37
L70	0	47 and arsenic same bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:37
L71	0	48 and arsenic same bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:37
L72	0	49 and arsenic same bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:37
L73	1	49 and "As" same bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:38

## EAST Search History

L74	1	46 and "As" same bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:38
L75	1	47 and "As" same bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:38
L76	2	48 and "As" same bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:44
L77	1	49 and "As" same bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:38
L78	0	50 and "As" same bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:38
L79	0	51 and "As" same bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:38
L80	0	52 and "As" same bit adj line same phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:38
L81	15	48 and "As" same bit adj line same "P"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:45

## EAST Search History

L82	22	46 and "As" same bit adj line same "P"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:45
L83	21	47 and "As" same bit adj line same "P"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:45
L84	15	48 and "As" same bit adj line same "P"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:45
L85	16	49 and "As" same bit adj line same "P"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:45
L86	15	50 and "As" same bit adj line same "P"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:45
L87	7	51 and "As" same bit adj line same "P"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:45
L88	30	52 and "As" same bit adj line same "P"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:45
L89	10	82 and gate and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:46



## EAST Search History

L90	10	83 and gate and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:46
L91	9	84 and gate and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:46
L92	16	85 and gate and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:46
L93	5	86 and gate and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:46
L94	5	87 and gate and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:46
L95	15	88 and gate and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:46
L96	8	89 and (sidewall or spacer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:47
L97	4	90 and (sidewall or spacer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:46

## EAST Search History

L98	7	91 and (sidewall or spacer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:47
L99	10	92 and (sidewall or spacer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:47
L100	5	93 and (sidewall or spacer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:47
L101	4	94 and (sidewall or spacer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 17:47
L102	10	95 and (sidewall or spacer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 18:06
L103	17	double with "LDD" with phosphor\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 18:07
L104	5	103 and "As" and gate and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 18:06
L105	2	double with "LDD" with phosphor\$2 and bit adj line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 18:08

## EAST Search History

L106	0	double with "LDD" with phosphor\$2 and bit adj line and gate and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 18:08
L107	5	second with "LDD" with phosphor\$2 and bit adj line and gate and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 18:13
L108	1	graded with "LDD" with phosphor\$2 and bit adj line and gate and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 18:13
L109	597	438/626.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 18:13
L110	981	438/627.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 18:13
L111	188	438/632.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 18:13
L112	95	second with "LDD" with phosphor\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 18:14
L113	1	109 and second with "LDD" with phosphor\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 18:14

## EAST Search History

L114	1	110 and second with "LDD" with phosphor\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 18:14
L115	1	111 and second with "LDD" with phosphor\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 18:14
L116	41	("5610099").URPN.	USPAT	OR	OFF	2006/05/29 18:16
L117	0	116 and capacitor and ((sidewall or spacer) with (distance or spacing))	USPAT	OR	OFF	2006/05/29 18:17
L118	0	112 and capacitor and ((sidewall or spacer) with (distance or spacing))	USPAT	OR	OFF	2006/05/29 18:17